Email : sales@scilabexport.com
Phone: +91-7082934803

Product Name :

Millisecond Timer

Product Code :

SLE/PHY/251



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Description :

Millisecond Timer (Product Code: SLE/PHY/251) is an electronic laboratory timer used to measure short time intervals in school and college mechanics experiments, including finding the acceleration due to gravity (g) by free fall. It works with free-fall apparatus and/or light gates and also supports manual timing, with 2 switch input sockets and 4 rear sockets for light gates. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, among its physics lab equipment in India.

Key Details

Parameter	Detail
Functions	g by free fall experiment; manual timing
Works with	G by free fall apparatus and/or light gates
Manual switch inputs	2 input sockets
Light gate inputs	4 input sockets at the back
Resolution, range and power	Not stated in the product listing — ask us
Product code	SLE/PHY/251
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is a Millisecond Timer Used For?

In the classic g-by-free-fall experiment, the timer starts when a ball is released and stops when it strikes a switch below, giving the fall time for a measured height. Repeating the drop from several heights lets students plot a graph and find g from its gradient. The two manual-switch sockets make the same unit useful for any start-stop event that is too quick to time with a hand-held stopwatch.

With light gates connected to the rear sockets, the timer records how long a card takes to pass through a beam, or the interval between two gates, so students can work out the speeds and accelerations of trolleys and gliders. That flexibility makes it a practical piece of mechanics lab equipment for motion, collision and free-fall work. Keep leads clear of moving parts and reset the display before each run so no earlier reading is carried over.

What to Specify When Ordering

- The number of timers needed for demonstration or student benches.
- Whether you need free-fall apparatus, light gates or both, and how many gates (up to the 4 rear sockets).
- Whether manual switches should be quoted for the 2 switch input sockets.

Supplier

ScienceLab is the brand name used by Jain Scientific Equipments Private Limited of Ambala, Harya d institu the free-f profil

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